

Amendments to the Specification:

Spw  
1/19/08

Please insert the following heading and paragraph on page 3, line 4:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Fig. 1(a) is a schematic block diagram of an arc welding robot according to an embodiment of the invention.

Fig. 1(b) is a schematic block diagram of a welding part according to the embodiment of the invention, explaining its connecting state with its associated parts.

Fig. 2 is an explanatory view of an example of an operation program of the arc welding robot according to the embodiment of the invention.

Fig. 3 is an explanatory view of an example of a format of recording data according to the embodiment of the invention.

Fig. 4 is an explanatory view of an example of a screen to be displayed by display means according the embodiment of the invention.

Fig. 5 is an explanatory view of an example for displaying waveform data on the display means in the form of a graphical representation according to the embodiment of the invention.

Fig. 6 is an explanatory view of an example of a screen for selecting either the transfer of the waveform data to external memory or the display thereof as a graphical representation according to the embodiment of the invention.

Please replace paragraph [0011] with the following amended paragraph:

109 designates an external memory or portable memory means (for example, a semiconductor memory card or a small-size hard disk) removably connected to the teach pendant 108 for storing an operation program and setting data taught by an operator, 103 a CPU for controlling the control unit itself, 104 a welding control part for controlling a welding operation,